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INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: BSC-223C1

APPLICANT: Bottcher et al.

SERIAL NO.: 10/608,856

FILING DATE: June 27, 2003

GROUP: 3731

U.S. PATENT DOCUMENTS

EXAM.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
X	Al	2002/0143389	10/3/02	St. Pierre			10/24/01
M	A2	191,775	6/12/1877	Parsons			9/19/1876
	A3	256,590	4/18/1882	Pfarre			12/19/1881
	A4	386,603	7/24/1888	Parsons			10/11/1887
	A5	559,620	5/5/1896	Shearer			5/16/1895
	A6	1,211,928	1/9/17	Fisher			3/25/16
	A7	2,257,369	9/30/41	Davis			10/21/39
	A8	3,087,493	4/30/63	Schossow			4/27/60
	A9	3,314,430	4/18/67	Alley et al.			6/22/64
	A10	3,359,974	12/26/67	Khalil			10/7/63
	All	3,394,705	7/30/68	Abramson			10/22/65
	A12	3,437,088	4/8/69	Bielinski			12/1/66
	A13	3,485,234	12/23/69	Stevens			4/13/66
	A14	3,593,713	7/20/71	Bogoff et al.			7/12/68
	A15	3,612,050	10/12/71	Sheridan			4/1/69
	A16	3,633,579	1/11/72	Alley et al.			3/13/69
	A17	3,726,281	4/10/73	Norton et al.			12/8/71
	A18	3,746,003	7/17/73	Blake et al.			9/23/71
	A19	3,788,326	1/29/74	Jacobs			8/3/72
	A20	3,828,767	8/13/74	Spiroff			10/29/73
	A21	3,902,492	9/2/75	Greenhalgh			5/14/74
	A22	3,906,954	9/23/75	Baehr et al.			9/14/73
	A23	3,920,023	11/18/75	Dye et al.			03/21/74
	A24	3,995,623	12/7/76	Blake et al.			2/11/76

EXAMINER DATE CONSIDERED 16/04

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EXAM.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
(4)	A25	4,004,588	1/25/77	Alexander			8/25/75
7	A26	4,037,599	7/26/77	Raulerson			1/26/76
	A27	4,065,264	12/27/77	Lewin			5/10/76
	A28	4,069,814	1/24/78	Clemens			5/6/76
	A29	4,096,860	6/27/78	McLaughlin			10/8/75
	A30	4,099,528	6/11/78	Sorenson et al.			2/17/77
	A31	4,100,246	7/11/78	Frisch			6/21/76
	A32	4,129,129	12/12/78	Amrine			3/18/77
	A33	4,134,402	1/16/79	Marhurkar			6/5/77
	A34	4,138,288	2/6/79	Lewin			12/23/77
	A35	4,138,457	2/6/79	Rudd et al.			8/13/76
	A36	4,144,884	3/20/79	Tersteegen et al.			3/17/77
	A37	4,149,535	4/17/79	Volder			5/6/77
	A38	4,168,703	9/25/79	Kenigsberg			7/18/77
	A39	4,173,981	11/13/79	Mortensen			5/23/77
	A40 .	4,180,068	12/25/79	Jacobsen et al.			4/13/78
	A41	4,182,739	1/8/80	Curtis			1/9/78
	A42	4,183,961	1/15/80	Curtis			7/21/77
	A43	4,202,332	5/13/80	Tersteegen et al.			1/5/78
	A44	4,203,436	5/20/80	Grimsrud			3/28/78
	A45	4,204,541	5/27/80	Kapitanov			1/3/78
1	A46	4,212,304	7/15/80	Finney			4/7/78
1	A47	4,217,895	8/19/80	Sagae et al.			5/26/78
	A48	4,223,676	9/23/80	Wuchinich et al.			12/19/77
	A49	4,236,520	12/2/80	Anderson			12/4/78

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U.S. PATENT DOCUMENTS SUB FILING DATE IF NAME CLASS DATE DOCUMENT EXAM. APPROPRIATE CLASS NUMBER 4/5/79 4,239,042 12/16/80 Asai A50 3/8/79 2/3/81 Assenza et al. 4,248,234 A51 5/3/79 3/24/81 Prager A52 4,257,416 10/18/79 A53 4,270,535 6/2/81 Bogue et al. 2/8/80 4,307,723 12/29/81 Finney A54 8/20/79 5/4/82 Groshong et al. 4,327,722 A55 Lyman et al. 12/21/79 6/15/82 4,334,327 A56 3/18/81 Uthmann 5/31/83 A57 4,385,631 5/15/81 4,385,635 5/31/83 Ruiz A58 11/6/81 9/13/83 Edelman et al. 4,403,983 A59 Sisley et al. 1/29/82 9/20/83 4,405,313 A60 4/19/82 9/20/83 4,405,314 Cope A61 6/1/81 Hattler et al. 4,406,656 9/27/83 A62 8/17/81 4,413,989 11/8/83 Schjeldahl et al. A63 6/8/81 4,419,094 12/6/83 A64 11/2/81 2/14/84 Marhurkar DES 272,651 A65 9/24/81 A66 4,443,333 4/17/84 Marhurkar 7/24/81 4,451,252 5/29/84 Martin A67 4,456,000 6/26/84 Schjeldahl et al. 8/24/83 A68 4,484,585 11/27/84 Baier 9/2/82 A69 1/15/85 Uldall 5/4/84 4,493,696 A70 A71 3/12/85 Kelman 9/24/82 4,504,264 1/19/83 RE 31,873 4/30/85 Howes A72 7/30/85 Norton et al. 12/7/82 A73 4,531,933 4/20/83 4,540,402 9/10/85 Aigner A74

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U.S. PATENT DOCUMENTS

EXAM.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
*	A75	4,543,087	9/24/85	Sommercorn et al.			11/14/83
	A76	4,553,959	11/19/85	Hickey et al.			1/21/83
	A77	4,559,046	12/17/85	Groshong et al.			7/28/83
1	A78	4,563,170	1/7/86	Aigner			7/29/83
	A79	4,563,181	1/7/86	Wijayarathna et al.			2/18/83
	A80	4,568,329	2/4/86	Marhurkar			10/1/84
	A81	4,568,338	2/4/86	Todd			9/22/83
	A82	4,581,012	4/8/86	Brown et al.			12/5/84
	A83	4,583,968	4/22/86	Marhurkar			8/15/84
	A84	4,596,548	6/24/86	DeVries et al.			3/25/85
	A85	4,601,697	7/22/86	Mammolenti et al.			12/7/84
	A86	4,601,701	7/22/86	Mueller, Jr.			2/25/85
	A87	4,608,993	9/2/86	Albert			7/31/84
	- A88	4,610,657	9/9/86	Densow			8/30/85
	A89	4,619,643	10/28/86	Bai			6/18/84
	A90	4,623,327	11/18/86	Marhurkar			2/12/85
	A91	4,626,240	12/2/86	Edelman et al.			9/8/83
	A92	4,641,652	2/10/87	Hutterer et al.			4/10/85
	A93	4,643,711	2/17/87	Bates			5/25/84
	A94	4,643,716	2/17/87	Drach			5/15/86
	A95	4,648,865	3/10/87	Aigner			1/11/85
	A96	4,655,771	4/7/87	Wallstén			4/11/83
	A97	4,661,396	4/28/87	Andorf et al.			10/4/85
	A98	4,662,404	5/5/87	LeVeen et al.			5/15/81
	A99	4,666,426	5/19/87	Aigner			7/14/86

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**	A100	4,671,795	6/9/87	Mulchin	11/19/84
W/	A101	4,675,004	6/23/87	Hadford et al.	4/16/85
	A102	4,682,978	7/28/87	Martin	5/15/85
	A103	4,687,471	8/18/87	Twardowski et al.	2/6/86
	A104	4,692,141	9/8/87	Marhurkar	1/29/86
	A105	4,694,838	9/22/87	Wijayarthna et al.	1/23/85
	A106	4,713,049	12/15/87	Carter	8/5/86
	A107	4,722,725	2/2/88	Sawyer et al.	5/11/87
	A108	4,732,152	3/22/88	Wallstén et al.	8/4/86
	A109	4,737,146	4/12/88	Amaki et al.	4/20/87
	A110	4,738,667	4/19/88	Galloway	11/4/86
	A111	4,739,768	4/26/88	Engelson	6/2/86
1-	A112	4,747,840	5/31/88	Ladika et al.	9/17/86
	A113	4,753,640	6/28/88	Nichols et al.	10/6/86
	A114	4,755,176	7/5/88	Patel	6/11/87
	A115	4,769,005	9/6/88	Ginsburg et al.	8/6/87
	A116	4,770,652	9/13/88	Marhurkar	7/18/86
	A117	4,772,268	9/20/88	Bates	11/3/86
1	A118	4,773,432	9/27/88	Rydell	2/9/87
	A119	4,775,371	10/4/88	Mueller, Jr.	9/2/86
	A120	4,776,841	10/11/88	Catalano	9/11/86
	A121	4,787,884	11/29/88	Goldberg	9/1/87
	A122	4,790,809	12/13/88	Kuntz	5/14/87
	A123	4,790,810	12/13/88	Pugh, Jr. et al.	11/4/85
,	A124	4,795,439	1/3/89	Guest	4/8/88

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X	A125	4,808,155	2/28/89	Marhurkar		·	9/16/87
	A126	4,809,710	3/7/89	Williamson			1/11/88
	A127	4,813,429	3/21/89	Eshel et al.			5/5/87
 	A128	4,813,925	3/21/89	Anderson, Jr. et al.			4/21/87
H-	A129	4,820,262	4/11/89	Finney			12/12/85
	A130	4,822,345	4/18/89	Danforth			3/16/88
<u> </u>	A131	4,838,881	6/13/89	Bennett			9/29/88
 	A132	4,842,582	6/27/89	Marhurkar			4/19/88
 	A133	4,842,590	6/27/89	Tanabe et al.			6/2/88
H	A134	4,846,791	7/11/89	Hattler et al.			9/2/88
\vdash	A135	4,846,814	7/11/89	Ruiz			4/4/88
H-	A136	4,863,442	9/5/89	DeMello et al.			9/14/87
-	A137	4,874,360	10/17/89	Goldberg et al.			7/1/88
 	A138	4,887,996	12/19/89	Bengmark			8/28/87
 	A139	4,888,146	12/19/89	Dandeneau			5/19/88
-	A140	4,894,057	1/16/90	Howes			6/19/87
	A141	4,895,561	1/23/90	Marhurkar			5/16/88
	A142	4,913,683	4/3/90	Gregory			7/5/88
	A143	4,931,037	6/5/90	Wetterman			10/13/88
-	A144	4,950,228	8/21/90	Knapp, Jr. et al.			1/10/90
1	A145	4,954,126	9/4/90	Wallsten			3/28/89
	A146	4,960,409	10/2/90	Catalano			10/5/88
1	A147	4,960,411	10/2/90	Buchbinder			6/30/88
	A148	4,961,809	10/9/90	Martin			4/21/88
1	A149	4,963,129	10/16/90	Rusch		1	9/6/89

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A150	4,973,301	11/27/90	Nissenkom			7/11/89
4	A151	4,976,690	12/11/90	Solar et al.			3/22/90
	A152	4,978,341	12/18/90	Niederhauser			4/6/89
-	A153	4,981,482	1/1/91	Ichikawa			5/10/89
1	Al54	4,985,022	1/15/91	Fearnot et al.			11/23/88
	A155	4,986,814	1/22/91	Burney et al.			6/13/88
	A156	4,990,133	2/5/91	Solazzo			4/2/90
	A157	4,994,071	2/1991	MacGregor			
1	A158	4,995,863	2/26/91	Nichols et al.			2/25/88
	A159	4,995,865	2/26/91	Gahara et al.			6/9/89
1	A160	4,995,868	2/26/91	Brazier			9/26/89
1	A161	4,998,919	3/12/91	Schnepp-Pesch et al.			10/18/88
1	A162	5,004,456	4/2/91	Botterbusch et al.			3/10/89
	A163	5,009,636	4/23/91	Wortley et al.			12/6/89
1	A164	5,013,296	5/7/91	Buckberg et al.			9/21/89
1-	A165	5,019,102	5/28/91	Hoene			12/7/88
1	A166	5,026,377	6/25/91	Burton et al.			8/17/90
1	A167	5,029,580	7/9/91	Radford et al.			7/18/90
	A168	5,041,083	8/20/91	Tsuchida et al.			6/25/88
	A169	5,053,004	10/1/91	Markel et al.			8/24/90
	A170	5,053,023	10/1/91	Martin			2/25/91
\top	A171	5,057,073	10/15/91	Martin			6/26/90
7	A172	5,061,275	10/29/91	Wallstén et al.			12/29/89
	A173	5,078,720	1/7/92	Burton et al.			5/2/90
•	A174	5,085,629	2/4/92	Goldberg et al.			9/27/89

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
8	A175	5,116,309	5/26/92	Coll			5/20/91
	A176	5,124,127	6/23/92	Jones et al.			1/26/89
	A177	5,129,910	7/14/92	Phan et al.			7/26/91
	A178	5,135,487	8/4/92	Morrill et al.			5/1/91
1	A179	5,135,599	8/4/92	Martin et al.			3/13/91
1	A180	5,141,502	8/25/92	Macaluso, Jr.	-		8/28/91
1	A181	5,147,370	9/15/92	McNamara et al.			6/12/91
1	A182	5,149,330	9/22/92	Brightbill			1/10/91
1	A183	5,156,592	10/20/92	Martin et al.			4/4/91
1	A184	5,156,596	10/20/92	Balbierz et al.			2/4/91
	A185	5,156,857	10/20/92	Wang et al.			6/17/91
	A186	5,160,325	11/3/92	Nichols et al.			1/22/91
	A187	5,167,623	12/1/92	Cianci et al.			12/27/90
	A188	5,171,216	12/15/92	Dasse et al.			11/4/91
	A189	5,176,625	1/5/93	Brisson			10/25/90
	A190	5,176,626	1/5/93	Soehendra			1/15/92
	A191	5,178,803	1/12/93	Tsuchida et al.			3/7/91
	A192	5,188,593	2/23/93	Martin			8/7/91
	A193	5,190,520	3/2/93	Fenton, Jr. et al.			10/10/90
	A194	5,195,962	3/23/93	Martin et al.			12/22/88
	A195	5,197,951	3/30/93	Marhurkar			2/27/86
	A196	5,207,648	5/4/93	Gross			8/19/92
1	A197	5,209,723	5/11/93	Twardowski et al.		Ì	10/8/91
	A198	5,211,627	5/18/93	William			2/12/91
1	A199	5,221,253	6/22/93	Coll			5/20/92

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
X	A200	5,221,255	6/22/93	Marhurkar et al.			10/16/91
	A201	5,221,256	6/22/93	Marhurkar			2/10/92
-	A202	5,222,949	6/29/93	Kaldany			7/23/91
	A203	5,224,953	7/6/93	Morgentalker			5/1/92
	A204	5,234,663	8/10/93	Jones et al.			3/18/92
	A205	5,240,677	8/31/93	Jones et al.			3/18/92
	A206	5,242,395	9/7/93	Maglinte			10/30/90
	A207	5,246,445	9/21/93	Yachia et al.			1/24/92
<u> </u>	A208	5,250,038	10/5/93	Melker et al.			10/9/92
	A209	5,261,879	11/16/93	Brill			9/3/92
	A210	5,269,802	12/14/93	Garber			9/10/91
	A211	5,275,597	1/4/94	Higgins et al.			5/18/92
	A212	5,279,560	1/18/94	Morrill et al.			12/23/91
	A213	5,282,784	2/1/94	Willard			10/9/91
	A214	5,292,305	3/8/94	Boudewijn et al.			9/1/92
	A215	5,292,321	3/8/94	Lee			3/1/93
	A216	5,295,954	3/22/94	Sachse			9/12/91
	A217	5,308,322	5/3/94	Tennican et al.			4/19/93
	A218	5,308,342	5/3/94	Sepetka et al.			8/7/91
1	A219	5,318,532	6/7/94	Frassica			12/3/92
	A220	5,324,274	6/28/94	Martin			3/30/92
1	A221	5,330,449	7/19/94	Prichard et al.			2/24/93
	A222	5,338,311	8/16/94	Marhurkar			8/23/93
	A223	5,342,301	8/30/94	Saab			8/13/92
	A224	5,342,386	8/30/94	Trotta			10/26/92

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EXAM.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
X	A225	5,342,387	8/30/94	Summers			6/18/92
40	A226	5,346,467	9/13/94	Coll		·	6/11/93
	A227	5,346,471	9/13/94	Raulerson			3/22/93
	A228	5,348,536	9/20/94	Young et al.			8/2/93
	A229	5,354,263	10/11/94 .	Coll			6/21/93
	A230	5,354,309	10/11/94	Schnepp-Pesch et al.			10/13/92
	A231	5,356,423	10/18/94	Tihon et al.			4/22/93
	A232	5,356,424	10/18/94	Buzerak et al.			2/5/93
	A233	5,358,689	10/25/94	Jones et al.			4/15/93
	A234	5,360,397	11/1/94	Pinchuk			7/2/93
	A235	5,364,340	11/15/94	Coll			7/2/93
	A236	5,364,344	11/15/94	Beattie et al.			10/22/93
	A237	5,366,464	11/22/94	Belknap			7/22/93
	A238	5,372,600	12/13/94	Beyar et al.			5/10/93
	A239	5,374,245	12/20/94	Marhurkar			4/28/93
	A240	5,378,230	1/3/95	Marhurkar			11/1/93
	A241	5,380,270	1/10/95	Ahmadzadeh			12/9/91
	A242	5,380,276	1/10/95	Miller et al.			2/28/94
	A243	5,383,928	1/24/95	Scott et al.			8/19/93
	A244	5,391,196	2/21/95	Devonec			6/18/93
	A245	5,395,316	3/7/95	Martin			8/11/93
	A246	5,399,172	3/21/95	Martin et al.			6/23/94
1	A247	5,401,257	3/28/95	Chevalier, Jr. et al.			4/27/93
1	A248	5,403,291	4/4/95	Abrahamson			8/2/93
	A249	5,405,320	4/11/95	Twardowski et al.			4/8/93

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X	A250	5,405,329	4/11/95	Durand			12/31/91
7	A251	5,405,341	4/11/95	Martin			6/3/93
	A252	5,405,380	4/11/95	Gianotti et al.		·	7/27/93
	A253	5,411,490	5/2/95	Tennican et al.			4/20/94
	A254	5,440,327	8/8/95	Stevens			7/28/92
	A255	5,445,624	8/29/95	Jimenez			1/21/94
	A256	5,449,372	9/12/95	Schmaltz et al.			6/14/91
	A257	5,451,206	9/19/95	Young			9/20/94
	A258	5,464,398	11/7/95	Haindl			4/11/91
	A259	5,470,322	11/28/95	Horzewski et al.			4/15/94
	A260	5,472,417	12/5/95	Martin et al.			3/3/94
	A261	5,472,432	12/5/95	Martin			6/23/94
	A262	5,472,435 .	12/5/95	Sutton			5/21/93
	A263	5,480,380	1/2/96	Martin			6/23/94
	A264	5,484,424	1/16/96	Cottenceau et al.			11/16/93
	A265	5,486,159	1/23/96	Maharkur			10/1/93
	A266	5,489,278	2/6/96	Abrahamson			1/30/95
	A267	5,509,897	4/23/96	Twardowski et al.			2/15/95
	A268	5,514,100	5/7/96	Marhurkar			4/19/94
	A269	5,514,176	5/7/96	Bosley, Jr.			1/20/95
	A270	5,514,178	5/7/96	Torchio			5/27/94
	A271	5,520,697	5/28/96	Lindenberg et al.			1/12/95
	A272	5,522,807	6/4/96	Luther			9/7/94
	A273	5,527,337	6/18/96	Stack et al.			2/22/94
	A274	5,531,741	7/2/96	Barbacci			8/18/94

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A	A275	5,533,985	7/9/96	Wang			4/20/94
77	A276	5,540,713	7/30/96	Schnepp-Pesch et al.			7/8/94
	A277	5,542,937	8/6/96	Chee et al.			6/24/94
	A278	5,553,665	9/10/96	Gentry			1/10/95
	A279	5,554,136	9/10/96	Luther			2/27/95
	A280	5,556,390	9/17/96	Hicks			3/7/95
	A281	5,562,641	10/8/96	Flomenblit et al.			5/20/94
	A282	5,569,182	10/29/96	Twardowski et al.			2/9/95
	A283	5,569,184	10/29/96	Crocker et al.			8/3/95
	A284	5,569,195	10/29/96	Saab			5/3/94
	A285	5,569,215	10/29/96	Crocker			6/6/95
	A286	5,569,218	10/29/96	Berg			2/14/94
	A287	5,571,093	11/5/96	Cruz et al.	•		9/21/94
	A288	5,573,508	11/12/96	Thornton			11/22/94
	A289	5,599,291	2/4/97	Balbierz et al.			1/4/93
	A290	5,601,538	2/11/97	Deem			3/7/95
	A291	5,613,980	3/25/97	Chauhan			12/22/94
	A292	5,622,665	4/22/97	Wang			6/2/95
	A293	5,624,413	4/29/97	Markel et al.			2/23/96
	A294	5,630,794	5/20/97	Lax et al.			9/23/94
	A295	5,632,734	5/27/97	Galel et al.			10/10/95
	A296	5,639,278	6/17/97	Dereume et al.			11/13/95
	A297	5,643,222	7/1/97	Marhurkar			6/23/95
	A298	5,647,843	7/15/97	Mesrobian et al.			5/24/96
	A299	5,649,909	7/22/97	Cornelius			8/5/96

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35	A300-	5,653,689	8/5/97	Buelna et al.			9/30/95
9	A301	5,658,263	8/19/97	Dang et al.			5/18/95
/	A302	5,667,486	9/16/97	Mikutich et al.			4/26/94
1	A303	5,674,277	10/7/97	Freitag			11/22/95
	A304 ·	5,676,697	10/14/97	McDonald			7/29/96
	A305	5,681,274	10/28/97	Perkins et al.			3/31/95
	A306	5,683,640	11/4/97	Miller et al.			10/11/94
	A307	5,685,862	11/11/97	Marhurkar			12/18/95
	A308	5,685,867	11/11/97	Twardowski et al.			6/7/95
 	A309	5,695,479	12/9/97	Jagpal			11/1/93
	A310	5,695,482	12/9/97	Kaldany			6/15/94
	A311	5,695,789	12/9/97	Harris			6/7/95
1	A312	5,707,386	1/13/98	Schnepp-Pesch et al.			9/21/95
1	A313	5,709,874	1/20/98	Hanson et al.			6/3/96
1	A314	5,718,862	2/17/98	Thompson			4/24/96
	A315	5,725,814	3/10/98	Harris			6/7/95
	A316	5,730,733	3/24/98	Mortier et al.			5/31/96
	A317	5,755,774	5/26/98	Pinchuk			8/22/96
1	A318	5,762,630	6/9/98	Bley et al.			12/23/96
_	A319	5,766,209	6/16/98	Devonec			8/15/95
1	A320	5,769,868	6/23/98	Yock			6/7/95
	A321	5,772,641	6/30/98	Wilson			12/12/95
1	A322	5,776,161	7/7/98	Globerman			10/16/95
	A323	5,791,036	8/11/98	Goodin et al.			12/23/96
	A324	5,792,105	8/11/98	Lin et al.			9/11/96

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187	A325	5,792,124	8/11/98	Horrigan et al.			1/3/97
7	A326	5,792,400	8/11/98	Talja et al.			10/4/95
	A327	5,795,319	8/18/98	Ali			3/7/97
	A328	5,795,326	8/18/98	Simán			1/29/97
	A329	5,830,179	11/3/98	Mikus et al.			4/9/96
	A330	5,830,184	11/3/98	Basta			3/6/96
	A331	5,830,196	11/3/98	Hicks			9/19/96
	A332	5,836,925	11/17/98	Soltesz			3/27/97
	A333	5,843,028	12/1/98	Weaver et al.			8/30/96
	A334	5,843,175	12/1/98	Frantzen			6/13/97
	A335	5,851,203	12/22/98	van Muiden			7/14/97
	A336	5,860,999	1/19/99	Schnepp-Pesch et al.			11/25/97
	A337	5,865,815	2/2/99	Tihon			.4/25/97
	A338	5,876,417	3/2/99	Devonec et al.			7/9/96
	A339	5,895,378	4/20/99	Berenstein et al.			5/29/97
	A340	5,897,537	4/27/99	Berg et al.			8/27/96
	A341	5,899,891	5/4/99	Racz			9/5/96
	A342	5,899,892	5/4/99	Mortier et al.			11/7/97
	A343	5,906,640	5/25/99	Penn et al.			5/2/97
	A344	5,911,715	6/15/99	Berg et al.			2/13/97
	A345	5,928,217	7/27/99	Mikus et al.			10/26/98
	A346	5,947,939	9/7/99	Mortier et al.			3/14/97
	A347	5,961,511	10/5/99	Mortier et al.			10/28/98
	A348	5,964,744	10/12/99	Balbierz et al.			10/3/94
	A349	5,964,771	10/12/99	Beyar et al.			6/7/95

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图	_	A350	5,976,120	11/2/99	Chow et al.			3/26/98
V		A351	5,980,505	11/9/99	Wilson			1/21/98
		A352	5,984,907	11/16/99	McGee et al.			6/5/95
П		A353	6,007,478	12/28/99	Siess et al.			11/13/97
П		A354	6,019,789	2/1/00	Dinh et al.			4/1/98
П	•	A355	6,033,413	3/7/00	Mikus et al.			4/20/98
П		A356	6,135,992	10/24/00	Wang			4/21/97
П		A357	6,139,536	10/31/00	Mikus et al.			7/26/99
П	-	A358	6,200,335	3/3/01	Igaki			3/31/98
П		A359	6,620,202	9/16/03	Bottcher et al.			10/16/01

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	BI	WO 84/04043	10/25/84	РСТ			2/23/84		Y
*	B2	WO 95/26763	10/12/95	PCT			3/31/95		Y
	B3	WO 95/28982	11/2/95	РСТ			4/3/98		Y
	B4	WO 95/29051	11/2/95	PCT			¢13195		Y
	B5	WO 95/35130	12/28/95	PCT			6/21/94		Y
•	В6	WO 97/10858	3/27/97	РСТ			9/18/96		Y
	B7	WO 97/17094	5/15/97	PCT			11/6/96		Y
	B8	WO 97/37699	10/16/97	PCT			4/11/97		Y
	В9	WO 97/37718	10/16/97	PCT	/		4/9/97		Y
	B10	WO 97/39788	10/30/97	PCT			3/27/97		Y
•	B11	WO 98/22159	5/28/98	PCT			11/7/97		Y
	B12	WO 98/43695	10/8/98	Pg∕T //	/) Ca	m	3/31/98		N (A358 is an English language patent family member)
·	B13	WO 98/56313	12/17/98	PCT		A 7	6/12/98		Y
	B14	WO 99/3966	8/12/99	PCT			2/5/99		Y
	B15	WO 99/49/811	10/7/99	PCT			3/25/99		Y
	B16	62-20830	8/9/99	JP			12/21/90	English	N
-	B17	1,285,953	1/22/62	FR			1/16/61		Y
	B18	1,508,959	12/4/67	FR			1/21/66		Y
	B19	2,259,865	6/12/74	DE			12/7/72	English	N
	B20 /	2,297,640	8/13/76	FR			1/15/75	English	N

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	B21	2,017,499 A	10/10/79	GB			3/6/79		Y
	B22	1,092,927	1/6/81	CA			12/28/79		Y
· <u>-</u>	B23	0,036,642 A2	9/30/81	ЕР			3/20/81	English	N
	B24	57-90150	6/3/82	JP			11/26/80		N
	B25	3,112,762 C2	1/13/83	DE			3/31/81	English	N
	B26	0,079,719 A1	5/25/83	EP			11/3/82		Y
	B27	1,150,122	7/19/83	CA			4/16/80		Y ·
	B28	2,530,958 A1	2/3/84	FR			7/29/82	English	N
	B29	0,101,890 B1	3/7/84	EP /			7/21/83	English	N
	B30	1,167,727	5/22/84	CA ·			11/26/81		Y
•	B31	0,144,525 A2	6/19/85	EA			8/10/84	English	N
	B32	1,193,508	9/17/85	CA	10		8/28/84	=	Y
	B33	2,156,220 A	10/9/85	GB			3/27/84		Y
	B34	0,168,136 A1	1/15/86	EP			5/10/85		Y
	B35	0,183,421 A2	6/4/86	EP (001	61	11/11/85		Y
	B36	0,101,890 A	3/7/84	EP	OPC	7	7/21/83	English	N
	B37	35 17 8/3 A1	11/20/86	DE	1		5/17/85	English	N
	B38	1,219,785	3/31/87	CA			5/24/84		Y
	B39	1,225,299	11/8/87	CA			7/18/85		Y
	B40	2 611 486	9/9/88	FR			2/27/87	English	Ν.
	841	37 40 288 C1	4/13/89	DE			11/27/87	English	N
/	B42	0 326 908 A2	08/09/89	EP .			01/24/89	English	N
/	B43	0,333,308 A2	9/20/89	EP			1/16/89		Y
/	B44	0,183,421 B1	4/18/90	EP			11/11/85		Y
	B45	0,386,408 A1	9/12/90	EP			1/13/90	English	N

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SHEET 18 OF 21 ATTORNEY DOCKET NO.: BSC-223C1 **FORM PTO - 1449** APPLICANT: Bottcher et al. INFORMATION DISCLOSURE STATEMENT SERIAL NO.: 10/608,856 FILING DATE: June 27, 2003 GROUP: 3731 FOREIGN PATENT DOCUMENTS PADFOOL **ENGLISH** FILING ABSTRACT SUB DOCUMENT DATE COUNTRY **CLASS** EXAM. LANG ONLY DATE CODE **CLASS** NUMBER INIT. Y/N' 8/28/90 3/6/91 GB 2,235,384 A Y 12/13/91 EP 6/17/92 0,490,459 B1 **B47** Υ 12/13/91 EP 6/17/92 0,490,459 A1 **B48** 2/8/91 English DE 8/20/92 41 03 573 A1 B49 N **English** 10/15/91 DE 4/22/93 **B50** 41 34 030 C2 N 1/27/93 **English** EР 8/11/93 0,554,722 A1 B51 9/27/93 N 1/27/94 DE B52 93 14 585.3 5/6/98 Y 11/11/98 EP 0 876 803 A2 **B53** Y 3/31/98 0 916 362 A1 5/19/99 EP B54 OTHER ART, JOURNAL ARTICLES, ETC OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication) EXAM. INIT. American Society for Testing and Materials (ASTM) "Designation f 1828-97: Standard Specification for CI Ureteral Stents'", approved November 10, 1997, published May 1998 (pp. 1257-1262) Bard Access Systems Vas-Cath Incorporated Catalog (date unknown) C2 Bard/angiomed product brochure, 1988 C3 Bard brockure, "Introducing The Bard Urinary Diversion Stent," 1984 C4 Bard product brochure, "Introducing The Bard Pediatric Urethral Stent," 1983 C5 Bard product brochure, "Stents To Satisfy The Urologist:...",1988 C6 Bard Urological Division product catalog, 1990, (pp. 1-3, A1-A30, D7-D26; last page) C7 Bigongiari et al., "Conversion of Percutaneous Ureteral Stent To Indwelling Pigtail Stent Over Guidewire," C8/ Urology, May 1980, Vol. XV, No. 5, (pp. 461-465)

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C10	Camacho et al. "Double-Ended Pigtail Ureteral Stent: Useful Modification to Single End Ureteral Stent," <u>Urology</u> , May 1979, Vol. XIII, No. 5, (pp. 516-520)
CII	Circon Surgitek package insert for Tecoflex® Quadra-Coil® Multi-Length Ureteral Stents, two pages (1998) and 2 photographs of Quadra-Coil™ Ureteral Stent
C12	Collier et al., "Proximal Stent Displacement As Complication of Pigtal Ureteral Stent," <u>Urology</u> , April 1979, Vol. XIII, No. 4, (pp. 372-375)
C13	Cook Critical Care Catalog, "Products for Dialysis" pp. 3-15 (1989)
C14	Cook Critical Care Catalog, "Uldall Double Lumen Hemodialysis Catheler Trays" (date unknown)
C15	Cook Urological catalog, "Urological Surgical Products," 1990-1991, (pp. 1-3, 7-29, 48-148; last page)
C16	Cook Urological product brochure, "Ureteral Stepts," 1987, (pp. 1-23; last page)
C17	Cook Urological Catalog, 1995, (pp. 1-2, 9-44, 63-173; last page)
C18	Cook Urological product brochure, "Filiform Ureteral Multi-Length Silicone Stent Sets," 1989
C19	Culkin, "Complications of Ureteral Stents," <u>Infections in Urology</u> , September/October 1996, (pp. 139, 142-143)
C20	Hackethorn et al., "Antegrade Internal Ureteral Stenting: A Technical Refinement," Radiology, July 1985, Vol. 156, No. 3, (pp. 827-828)
C21	Hepperlen et al., "Self-Retained Internal Ureteral Stents: A New Approach," The Journal of Urology, June 1978, Vol. 119, (pp. 731-734)
C22	Horizon Medical Products Catalog (date unknown)
C23	Mardis, "Evaluation of Polymeric Materials for Endourologic Devices," Seminars in Interventional Radiology, March 1987, Vol. 4, No. 1, (pp. 36-45)
C24	Mardis et al., "Double Pigtail Ureteral Stent," Urology, July 1979, Vol. XIV, No. 1, (pp. 23-26)
C25	Mardis et al., "Comparative Evaluation of Materials Used for Internal Ureteral Stents," <u>Journal of Endoarology</u> , 1993, Vol. 7, No. 2, (pp. 105-115)
C26	Mardis et al., "Guidewires, Ureteral Catheters, and Stents," Color Atlas/Text of Ureteroscopy, 1993 New York, Igaku-Shoin, Ch. 5, (pp. 65-84)
C27	Mardis et al., "Polyethylene Double-Pigtail Ureteral Stents," <u>Urologic Clinics of North America</u> , February 1982, Vol. 9, No. 1, (pp. 95-101)
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C30	McIntosh, et al. J.A.M.A. 169(8): 137-8 (1959)
C31	MEDCOMP Catalog, "Hemodialysis Products" pp. 1-11, 14-16, 19/27, 30-36 (date unknown)
C32	MEDCOMP Catalog "Schon Twin-Cath" (date unknown)
C33	Microvasive Catalog, "J-Maxx™ Ureteral Stents with Hydro Plus™," date unknown, (2 pages)
C34	Microvasive Catalog, "Mardis Soft Variable Length Upsteral Stents," date unknown, (pp. 6-39-6-40)
C35	Microvasive Catalog, "Mardis Soft Variable Length Ureteral Stents with Hydro Plus™ Coating," date unknown, (p. 6-37)
C36	Microvasive Catalog, "Percutaneous Nephrosomy Catheters with Locking Loop," date unknown, (p. 4-49)
C37	Microvasive Catalog, "Ureteral Stents and Ureteral Catheters," date unknown, pgs. 6-1-6-10
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C39	Microvasive Products for Urology, 1994, (pp. 6-1-6-7; 6-9-6-11; 6-13-6-23; 6-25-6-27; 6-29-6-37; 6-39-6-43; 6-456-49; 6-51; 6-53)
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EXAMINER	DATE CONSIDERED

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